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(71) Applicant (for all designated States except US): MAT-
SUSHITA ELECTRIC INDUSTRIAL CO., LTD.
[JP/JP]; 1006 Oaza Kadoma Kadoma-shi Osaka, 5718501
(JP).

(72) Inventors; and

(75) Inventors/Applicants (for US only): SAKAI, Shinichi.
SATO, Keiichi. YASUI, Kenji. SUENAGA, Haruo.
MORIKAWA, Hisashi.

(74) Agents: OGURI, Shohei et al.; Eikoh Patent Office 13th
Floor ARK Mori Building 12-32 Akasaka 1-chome Mi-
nato-ku Tokyo, 1076013 (JP).

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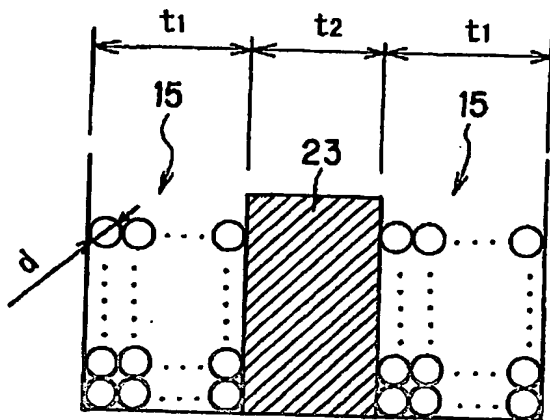
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(54) Title: BOOSTER TRANSFORMER FOR DRIVING MAGNETRON AND TRANSFORMER UNIT HAVING THE
BOOSTER TRANSFORMER



$$0.8t_2 < t_1 < 11d$$

(57) Abstract: A booster transformer 100 for driving a mag-
netron includes a bobbin 11 on which at least a first winding
13 and a secondary winding 15 are wound and a core 19 in-
serted through the center of the bobbin 11, wherein a winding
area of the secondary winding 15 is divided into two areas
while interposing a partition wall 23, and an outer diameter
d of a wire material of the secondary winding 15 and a width
t1 of each of the divided winding areas are so set as to satisfy
the relation $t_1 < 11d$.